

# (12) UK Patent Application (19) GB (11) 2 397 769 (13) A

(43) Date of Printing by UK Office 04.08.2004

(21) Application No: 0411391.6

(22) Date of Filing: 01.11.2002

(30) Priority Data:  
(31) PR8657 (32) 02.11.2001 (33) AU  
(31) PR9434 (32) 11.12.2001

(86) International Application Data:  
PCT/AU2002/001482 En 01.11.2002

(87) International Publication Data:  
WO2003/037192 En 08.05.2003

(71) Applicant(s):  
**Eugene Sherry**  
108 Lethbridge Street, Penrith, NSW 2750,  
Australia

**Michael Egan**  
62 Tulloch Street, Blacktown, NSW 2148,  
Australia

(continued on next page)

(51) INT CL<sup>7</sup>:  
A61B 17/15 17/17 , A61F 2/46

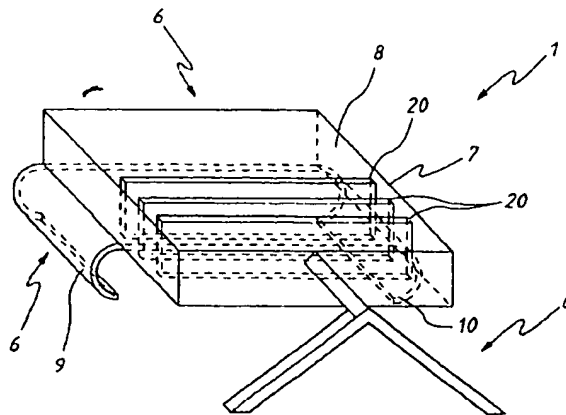
(52) UK CL (Edition W ):  
A5R RABX RAJ RAT

(56) Documents Cited by ISA:  
FR 002819168 A

(58) Field of Search by ISA:  
INT CL<sup>7</sup> A61B, A61F  
Other:

(54) Abstract Title: **Apparatus and methods for bone surgery**

(57) The surgeon grasps the jig (140) by its handle (141) and manipulates the head (210) of the jig (140) through the patient wound and onto the femoral neck (4), as best illustrated in figure 67. The head (210) of the jig (140) includes jig location means in the form of an elongate rod which acts as a spacer (142). The spacer (142) has an end (211) which abuts the trochanteric fossa so as to position the slot (143) of the jig (140) at the required position, which, in the preferred embodiment, is between 5mm and 25mm and most preferably 15mm, from the trochanteric fossa. Additional jig location means are provided by a surface (212) adapted to receive a bone formation. This surface (212) is provided by contours (146) on the base of the head (210) which are adapted to mate with contours of the femur. The slot (143) is oriented generally perpendicularly to the elongate dimension of the rod (142). The slot (143) functions as a surgical tool guide means which is positioned by the jig (140) at the correct position for osteotomy of the neck (4). Advantageously, osteotomy takes place whilst the femoral head (3) is still disposed within the acetabulum.



**GB 2397769 A continuation**

(72) Inventor(s):  
**Eugene Sherry**  
**Michael Egan**

(74) Agent and/or Address for Service:  
**Page White & Farrer**  
**54 Doughty Street, LONDON, WC1N 2LS,**  
**United Kingdom**